IN THE CLAIMS

Please withdraw claims 1-40 without prejudice to their consideration in a continuing

application.

1. (Withdrawn) A method for conveying products to a downstream conveyor,

comprising:

providing a first conveyor having a plurality of roller shafts, each roller shaft driving at least

one roller:

driving a first group of rollers shafts at a first speed;

driving a second group of roller shafts at a second speed, the second speed being less than

the first speed, the second group being downstream of and proximate to the first group;

driving a third group of roller shafts at substantially the second speed, the third group being

downstream of and proximate to the second group; and

altering said driving of the third group relative to said driving of the second group so as to

change the spacing between adjacent products being provided to the downstream conveyor.

2 (Withdrawn) The method of claim 1 wherein said altering includes spacing adjacent

products to a predetermined spacing.

3. (Withdrawn) The method of claim 2 wherein the predetermined spacing corresponds

to the distance between product driving lugs of the downstream conveyor.

4. (Withdrawn) The method of claim 1 which further comprises providing a first

driving motor for driving the first group, a second driving motor for driving the second group, and a

third driving motor for driving the third group.

5. (Withdrawn) The method of claim 4 wherein the second motor is a servo motor and

the third motor is a servo motor.

6. (Withdrawn) The method of claim 5 wherein the first motor is a variable frequency

motor.

7. (Withdrawn) The method of claim 1 wherein each roller shaft of each group drives a

plurality of rollers.

8. (Withdrawn) The method of claim 1 wherein each roller shaft of the first group

drives a plurality of slippable rollers.

(Withdrawn) The method of claim 8 wherein each roller shaft of the second group

drives a plurality of rollers which are fixed to the corresponding shaft.

10. (Withdrawn) The method of claim 8 wherein each roller shaft of the third group

drives a plurality of rollers which are fixed to the corresponding shaft.

11. (Withdrawn) The method of claim 1 wherein the first speed, second speed, and third

speed refer to the rotational speed of the corresponding group of roller shafts.

12. (Withdrawn) The method of claim 1 wherein the first speed, second speed, and third

speed refer to the conveying path speed of the at least one roller supported by the corresponding

group of roller shafts.

13. (Withdrawn) conveyor for conveying products along a conveying path, comprising:

a first support member extending along one side of the conveying path and parallel to the

conveying path;

a second support member extending along the opposite side of the conveying path and

parallel to the conveying path;

a first driving member supported by said first support member and extending along a first

length of said first support member, said first driving member driving at least a first roller;

a second driving member supported by said second support member and extending along a

second length of said second support member, said second driving member driving at least a second

roller;

a third driving member supported by said first support member and extending along a third

length of said first support member, said third driving member driving at a third roller, wherein the

second length overlaps a portion of the first length and the second length overlaps a portion of the

third length;

a first means for driving said first driving member;

a second means for driving said second driving member; and

a third means for driving said third driving member.

14. (Withdrawn) The conveyor of claim 13 wherein said first driving member drives a

plurality of slippable rollers.

15 (Withdrawn) The conveyor of claim 14 wherein said second driving member drives

a plurality of fixed rollers.

16. (Withdrawn) conveyor of claim 15 wherein said third driving member drives a

plurality of fixed rollers.

17. (Withdrawn) The conveyor of claim 13 which further comprises an electronic

controller operatively coupled to said first driving means, said second driving means, and said third

driving means.

18. (Withdrawn) The conveyor of claim 17 wherein said controller operates said second

driving member and said third driving member at substantially the same speed.

19. (Withdrawn) The conveyor of claim 17 wherein said controller alters the position of

said second driving member and relative to the position of said third driving member.

20. (Withdrawn) The conveyor of claim 13 wherein said first driving member is a first

driving chain, said second driving member is a second driving chain, and said third driving member

is a third driving chain.

21. (Withdrawn) The conveyor of claim 13 wherein said second driving means is a first

servo motor, and said third driving means is a second servo motor.

(Withdrawn) A conveyor for conveying a product comprising:

a first driving chain placed along a side of a conveying path and parallel to the conveying

path, said first chain being driven in a first manner;

a second driving chain placed along a side of the conveying path and parallel to the

conveying path, at least a portion of the length of said second driving chain overlapping at least a

portion of said first driving chain, second chain being driven in a second manner different than the

first manner; and

a roller shaft having two ends and a driving wheel proximate to one end of said shaft; and

at lease one roller driven by said shaft, said at least one roller being adapted and configured

for conveying the product;

wherein said conveyor is adapted and configured to rotatably support said roller shaft such

that said driving wheel is capable of engaging said first chain and driving said roller shaft in the first

manner, and said conveyor is adapted and configured to rotatably support said roller shaft such that

said driving wheel is capable of engaging said second chain and driving said roller shaft in the

second manner

23. (Withdrawn) The conveyor of claim 22 which further comprises an electronic

controller operatively coupled to said first chain to drive said first chain in the first manner and

operatively coupled to said second chain to drive said second chain in the second manner, a first

sensor providing a first signal corresponding to the position of said first chain, and a second sensor

providing a second signal corresponding to the position of said second chain, wherein said

controller receives said first signal and said second signal and adjusts the position of said first chain

relative to the position of said second chain.

24. (Withdrawn) The conveyor of claim 22 which further comprises an infeed conveyor

for receiving products from said conveyor, said infeed conveyor including a moving conveying

surface and a first sensor for providing a first signal corresponding to the position of said moving

conveying surface, and further

comprising a second sensor providing a second signal corresponding to the position of one

of said first chain or said second chain, and further comprising an electronic controller operatively

coupled to the one said chain, wherein said controller receives said first signal and said second

signal and adjusts the position of the one said chain relative to the position of said moving

conveying surface.

25. (Withdrawn) The conveyor of claim 24 wherein said first sensor is an encoder.

26. (Withdrawn) The conveyor of claim 25 wherein said second sensor is an optical

sensor.

27. (Withdrawn) The conveyor of claim 22 wherein the conveying path has a length,

and which further comprises means for supporting said roller shaft at a location along the length,

said supporting means supporting said shaft at the location when said driving wheel engages said

first chain and supporting said shaft at the location when said driving wheel engages said second

chain.

28. (Withdrawn) The conveyor of claim 22 wherein said rollers are slippable on said

roller shaft.

29. (Withdrawn) The conveyor of claim 22 wherein said rollers are fixed on said roller

shaft.

30. (Withdrawn) conveyor of claim 22 wherein said first manner is driving by a first

motor and said second manner is driving by a second motor.

31. (Withdrawn) The conveyor of claim 30 wherein the first motor is a variable

frequency drive and the second motor is a servo drive.

32. (Withdrawn) The conveyor of claim 22 wherein said first manner is driving at a first

speed and said second manner is driving at a second speed different than the first speed.

33. (Withdrawn) The conveyor of claim 32 wherein the ratio of the first speed to the

second speed is a substantially constant ratio.

34. (Withdrawn) The conveyor of claim 22 wherein said first manner is driving at a first

speed, and said second manner is driving at substantially the first speed and said second manner

includes a plurality of drive interruptions.

35. (Withdrawn) The conveyor of claim 34 wherein the plurality of drive interruptions

result in a plurality of positional changes of said first chain relative to said second chain.

36. (Withdrawn) The conveyor of claim 34 wherein the second manner includes a

plurality of periodic drive delays.

37. (Withdrawn) The conveyor of claim 34 wherein the interruptions include a period of

driving at a faster speed.

38. (Withdrawn) The conveyor of claim 34 wherein the interruptions include a period of

driving at a slower speed.

39. (Withdrawn) The conveyor of claim 34 wherein the interruptions include a period of

stoppage.

40. (Withdrawn) The conveyor of claim 22 wherein the first manner is independent of

the second manner

41. (Original) A conveyor for conveying a product, comprising:

a first section of roller shafts each driving a plurality of slippable rollers, a first portion of

said first section driving rollers which slip at a first predetermined torque, a second portion of said

first section driving rollers which slip at a second predetermined torque, said second torque being

greater than said first torque:

a second section of roller shafts, each driving a plurality of rollers fixed to a corresponding

shaft of said second section, said second section adapted and configured for receiving products

conveyed from said first section; and

means for stopping a product on said second portion of said first section, said stopping

means being proximate to said second section.

42 (Original) The conveyor of claim 41 wherein the second portion of said second

section has a length that is less than about the length of the product.

43 (Original) The conveyor of claim 42 wherein the length of the second section is

greater than about forty percent of the length of the product.

44 (Original) The conveyor of claim 41 which further comprises an infeed conveyor

and a product wrapper, said infeed conveyor receiving conveyed products from said second section

and providing the products to said product wrapper.

45 (Original) The conveyor of claim 41 wherein the conveying speed of the second

section is more than about one and one-half the conveying speed of the first section.

46. (Original) A method for conveying products, comprising:

providing a slippable roller conveying section, a second conveying section, and a third

conveying section;

conveying a plurality of products at a first speed by the slippable roller conveying section;

accumulating the plurality of products:

receiving the accumulated products from the slippable roller conveying section onto the

second conveying section at a second speed less than the first speed;

transporting the accumulated products from the second conveying section onto the third

conveying section; and

providing the accumulated products from the third conveying section in a predetermined

spacing.

47 (Original) The method of claim 46 wherein the products are provided from the third

conveying section in a first predetermined spacing, and which further comprises spacing the

products on the second conveying section to a second predetermined pattern.

48. (Original) The method of claim 47 wherein the second predetermined pattern is for

adjacent products to touch one another.

49. (Original) The method of claim 47 wherein the second predetermined pattern is for

adjacent products to be separated from one another by roughly equivalent predetermined gaps.

50. (Original) The method of claim 46 wherein the second conveying section is a fixed

roller conveying section.

51 (Original) The method of claim 46 wherein said transporting is at substantially the

second speed.

52. (Original) The method of claim 46 wherein said accumulating is at least partly on

the slippable roller conveying section.

53. (Original) The method of claim 46 which further comprises providing a wrapping

station having product spacing requirements, and the predetermined spacing is consistent with the

spacing requirements.

54 (Original) The method of claim 53 which further comprises sensing a position of the

wrapping station and controlling the operation of the third conveying section in response to the

signal.

55. (Original) The method of claim 54 wherein the wrapping station includes a belt and

the sensed position is the position of the belt.